

## SEQUENCE LISTING

<110> EISAI CO., LTD.

<120> PRIMARY CULTURED ADIPOCYTES FOR GENE THERAPY

<130> E1-A0305Y1P

<150> JP 2002-177648

<151> 2002-06-18

<150> JP 2002-237974

<151> 2002-08-19

<160> 11

<170> PatentIn version 3.1

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&lt;223&gt; a gene encoding a secretory human GLP-1

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&lt;222&gt; (1)..(144)

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48

Met Leu Leu Leu Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu

1

5

10

15

ggc cat gct gaa ggg acc ttt acc agt gat gta agt tct tat ttg gaa

96

Gly His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu

20

-25

30

ggc caa gct gcc aag gag ttc att gct tgg ctg gtg aaa ggc cga gga 144

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25

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Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly

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45